Index to Volume 34 (1986)

James Herbert Shea

University of Wisconsin-Parkside
Box No. 2000
Kenosha, Wisconsin 53414

ADVERTISERS

50 John Wiley & Sons
68 Spectrex
70 Merrill Pub. Co.
130 Geol. As. Canada
136 Spectrex
216 EME Corporation
216 EME Corporation
220 Spectrex
285 EME Corporation
296 Spectrex
364 Spectrex

AMERICAN GEOLOGICAL INSTITUTE

60 Verdon, A.J.Jr. Scientists, educators meet
70 Merrill Pub. Co. Laboratory manual in physical geology
215 Verdon, A.J.Jr. Call for original laboratory exercises
215 Anonymous AGI/NSTA national earth science test

APPARATUS

18-20 Dutch, S.I. An advanced sea-floor spreading model
103-105 Dutch, S.I. Modelling symmetry classes 233 and 432
107-109 Williams, J.W. Effective demonstration of soil reinforcing
196-197 Corbett, R.G. Battery-powered field filtration assembly
224-230 Means, W.D. Three microstructural exercises
265-267 Boyer, P.S. Geological map patterns for the Macintosh
268-273 Hayes, W.B. Organizing an undergraduate gemology course
273-278 Schwert, W.D. Geometric analyses of rotational faults
316-319 Norris, R.M. A proper field car

AREAL GEOLOGY - GENERAL

AREAL GEOLOGY - MAPS, CHARTS, PHOTOGRAPHS

14-18 Tunley, A.T. Photogrammetric exercise
41-45 Picard, M.D. Wind River and Riverton
56 Geyer, A.R. Buckland and Maclure illustrations sale
96 Moores, E.M. Food for thought
131 Geyer, A.R. Buckland and Maclure illustrations sale
216 Geyer, A.R. Buckland and Maclure illustrations sale
265-267 Boyer, P.S. Geological map patterns for the Macintosh
285 Geyer, A.R. Buckland and Maclure illustrations sale
339-343 Giardino, J.R. Field trips in air-photo & rem.-sens. classes

ASTRONOMY

137-138 Marvin, U.B. Cover photo of fall of Ensisheim meteorite
140-165 Marvin, U.B. Meteorites, Moon and the history of geology

AUDIO VISUAL INSTRUCTION

BOOK AND ARTICLE LISTS

BOOK REVIEWS

45-49 Brice, W.R. Books for geoscientists
126-129 Brice, W.R. Books for geoscientists
211-215 Brice, W.R. Books for geoscientists
289-292 Brice, W.R. Books for geoscientists
349-351 Brice, W.R. Books for geoscientists

Index to Volume 34 (1986)

James Herbert Shea

University of Wisconsin-Parkside
Box No. 2000
Kenosha, Wisconsin 53414

ADVERTISERS

50 John Wiley & Sons
68 Spectrex
70 Merrill Pub. Co.
130 Geol. As. Canada
136 Spectrex
216 EME Corporation
216 EME Corporation
220 Spectrex
285 EME Corporation
296 Spectrex
364 Spectrex

AMERICAN GEOLOGICAL INSTITUTE

60 Verdon, A.J.Jr. Scientists, educators meet
70 Merrill Pub. Co. Laboratory manual in physical geology
215 Verdon, A.J.Jr. Call for original laboratory exercises
215 Anonymous AGI/NSTA national earth science test

APPARATUS

18-20 Dutch, S.I. An advanced sea-floor spreading model
103-105 Dutch, S.I. Modelling symmetry classes 233 and 432
107-109 Williams, J.W. Effective demonstration of soil reinforcing
196-197 Corbett, R.G. Battery-powered field filtration assembly
224-230 Means, W.D. Three microstructural exercises
265-267 Boyer, P.S. Geological map patterns for the Macintosh
268-273 Hayes, W.B. Organizing an undergraduate gemology course
273-278 Schwert, W.D. Geometric analyses of rotational faults
316-319 Norris, R.M. A proper field car

AREAL GEOLOGY - GENERAL

AREAL GEOLOGY - MAPS, CHARTS, PHOTOGRAPHS

14-18 Tunley, A.T. Photogrammetric exercise
41-45 Picard, M.D. Wind River and Riverton
56 Geyer, A.R. Buckland and Maclure illustrations sale
96 Moores, E.M. Food for thought
131 Geyer, A.R. Buckland and Maclure illustrations sale
216 Geyer, A.R. Buckland and Maclure illustrations sale
265-267 Boyer, P.S. Geological map patterns for the Macintosh
285 Geyer, A.R. Buckland and Maclure illustrations sale
339-343 Giardino, J.R. Field trips in air-photo & rem.-sens. classes

ASTRONOMY

137-138 Marvin, U.B. Cover photo of fall of Ensisheim meteorite
140-165 Marvin, U.B. Meteorites, Moon and the history of geology

AUDIO VISUAL INSTRUCTION

BOOK AND ARTICLE LISTS

BOOK REVIEWS

45-49 Brice, W.R. Books for geoscientists
126-129 Brice, W.R. Books for geoscientists
211-215 Brice, W.R. Books for geoscientists
289-292 Brice, W.R. Books for geoscientists
349-351 Brice, W.R. Books for geoscientists

COMPUTER ASSISTED INSTRUCTION

49	Burger, H.R.	Computer software for geological education
52	Burger, H.R.	RAMblings
106-107	Laudon, R.C.	Using spreadsheet software for gradebooks
130	Burger, H.R.	Computer software for geological education
132-133	Jorstad, R.B.	Down to earth software reviews
183-185	Smith, S.M.	Software for evaluating pumping tests
191-195	McEachran, D.B.	Teaching strain theory with Macintosh computer
209-210	Brande, S.	RAMblings
210	Burger, H.R.	Computer software for geological education
231-236	De Paor, D.G.	A graphical approach to structural geology
262-264	Sverdrup, K.A.	Calculating refraction times: layered models
265-267	Boyer, P.S.	Geological map patterns for the Macintosh
279-280	Jorstad, R.B.	Down to earth software
281-282	Burger, H.R.	RAMblings
288	Burger, H.R.	Computer software for geological education
305-311	Ousey, J.R.Jr.	Modeling steady-state groundwater flow
335-338	Burger, H.R.	RAMblings

COURSE DESCRIPTIONS

6-9	Orr, W.N.	Teaching geology in a penitentiary
28-31	Gutstadt, A.	Statutory and administrative law
180-183	Kern, E.L.	Effect of field activities on student learning
268-273	Hayes, W.B.	Organizing an undergraduate gemology course
339-343	Giardino, J.R.	Field trips in air-photo & rem.-sens. classes

CREATIONISM

187-190	Stokes, W.L.	Alleged Middle Cambrian human footprint

EARTH SCIENCE

EARTH SCIENCE - CURRICULUM

166-173	Yoder, H.S.Jr.	Trends in the education of earth scientists
312-314	Tormey, B.B.	Amer.-Canad. effort in geoscience education

EARTH SCIENCE - TEACHER EDUCATION

282	Census Bur.	Food for thought

EARTH SCIENCE TEACHING

6-9	Orr, W.N.	Teaching geology in a penitentiary
18-20	Dutch, S.I.	An advanced sea-floor spreading model
110-113	Tunley, A.T.	Science achievement in high-school geology
166-173	Yoder, H.S.Jr.	Trends in the education of earth scientists
173-179	Butler, J.J.Jr.	Earth science education in China
180-183	Kern, E.L.	Effect of field activities on student learning
282	Census Bur.	Food for thought
339-343	Giardino, J.R.	Field trips in air-photo & rem.-sens. classes

EARTH SCIENCE TEACHING - LABORATORY

14-18	Tunley, A.T.	Photogrammetric exercise
32-36	Manche, E.P.	Obsidian hydration dating
56	Mayer, V.J.	NAGT earth science activities book
95-96	Christofferson, E.	Rapid procedure for determining plate motion
131	Mayer, V.J.	NAGT earth science activities book
180-183	Kern, E.L.	Effect of field activities on student learning
215	Verdon, A.J.Jr.	Call for original laboratory exercises
216	Mayer, V.J.	NAGT earth science activities book
273-278	Schwert, W.D.	Geometric analyses of rotational faults
285	Mayer, V.J.	NAGT earth science activities book
320-334	Shea, J.H.	An exercise on the polar-reversal time scale

EARTH SCIENCE TEACHING - NONTRADITIONAL CLIENTELE

6-9	Orr, W.N.	Teaching geology in a penitentiary

ECONOMIC GEOLOGY - ENERGY SOURCES

41-45	Picard, M.D.	Wind River and Riverton
199-201	Picard, M.D.	Drilling at South Red Wash
293-294	Friedman, G.M.	The dilemma of the geoscientist
294	Associated Press	Food for thought

ECONOMIC GEOLOGY - GENERAL AND MINING GEOLOGY

ECONOMIC GEOLOGY - METALS

4-6	Dudley, W.C.	Gold from the sea
293-294	Friedman, G.M.	The dilemma of the geoscientist

ECONOMIC GEOLOGY - NONMETALS

1-2	Field Museum	Cover photo of black opal booch

EDUCATION

10-13	Zenger, D.H.	Lyell and episodicity
59-60	Bonini, W.E.	Will our students be ready for 2001?
60	Verdon, A.J.Jr.	Scientists, educators meet
97-103	Keller, W.D.	Fundamental entities in geology
166-173	Yoder, H.S.Jr.	Trends in the education of earth scientists
197	Payne-G., C.	Food for thought
201	Nield, T.	Food for thought
314-315	Schueller, D.A.	Easy way to fulfill a lab-science requirement
348	Payne-G., C.	Food for thought

EDUCATION - COMPETENCY BASED

EDUCATION - ELEMENTARY

EDUCATION - GRADUATE

246-261	Simpson, C.	Determination of movement sense in mylonites
293-294	Friedman, G.M.	The dilemma of the geoscientist

EDUCATION - SCIENCE

110-113	Tunley, A.T.	Science achievement in high-school geology
187-190	Stokes, W.L.	Alleged Middle Cambrian human footprint
261	Payne-G., C.	Food for thought

EDUCATION SECONDARY

60	Verdon, A.J.Jr.	Scientists, educators meet
110-113	Tunley, A.T.	Science achievement in high-school geology
205	Christman, R.A.	Secondary-school earth science - a column
215	Verdon, A.J.Jr.	Call for original laboratory exercises
282	Census Bur.	Food for thought
312-314	Tormey, B.B.	Amer.-Canad. effort in geoscience education

EDUCATION - UNDERGRADUATE

6-9	Orr, W.N.	Teaching geology in a penitentiary
18-20	Dutch, S.I.	An advanced sea-floor spreading model
28-31	Gutstadt, A.	Statutory and administrative law
173-179	Butler, J.J.Jr.	Earth science education in China
180-183	Kern, E.L.	Effect of field activities on student learning
246-261	Simpson, C.	Determination of movement sense in mylonites
268-273	Hayes, W.B.	Organizing an undergraduate gemology course
293-294	Friedman, G.M.	The dilemma of the geoscientist

300-304	Hendrix, T.E.	NAGT-USGS Cooperative Summer Field Program
312-314	Tormey, B.B.	Amer.-Canad. effort in geoscience education
314-315	Schueller, D.A.	Easy way to fulfill a lab-science requirement

EMPLOYMENT

9	Anonymous	Position announcement
41-45	Picard, M.D.	Wind River and Riverton
199-201	Picard, M.D.	Drilling at South Red Wash
261	Payne-G., C.	Food for thought
293-294	Friedman, G.M.	The dilemma of the geoscientist
294	Associated Press	Food for thought

ENGINEERING AND ENVIRONMENTAL GEOLOGY

14-18	Tunley, A.T.	Photogrammetric exercise
107-109	Williams, J.W.	Effective demonstration of soil reinforcing
196-197	Corbett, R.G.	Battery-powered field filtration assembly

ERRATA

216	Christofferson, E.	Determining present plate motion

EVALUATION

106-107	Laudon, R.C.	Using spreadsheet software for gradebooks
110-113	Tunley, A.T.	Science achievement in high-school geology
180-183	Kern, E.L.	Effect of field activities on student learning
215	Anonymous	AGI/NSTA national earth science test

EXTRATERRESTRIAL GEOLOGY

137-138	Marvin, U.B.	Cover photo of fall of Ensisheim meteorite
140-165	Marvin, U.B.	Meteorites, Moon and the history of geology

FIELD GEOLOGY

96	Moores, E.M.	Food for thought
300-304	Hendrix, T.E.	NAGT-USGS Cooperative Summer Field Program
312-314	Tormey, B.B.	Amer.-Canad. effort in geoscience education
316-319	Norris, R.M.	A proper field car

FIELD GEOLOGY - FIELD TRIPS

180-183	Kern, E.L.	Effect of field activities on student learning
316-319	Norris, R.M.	A proper field car
339-343	Giardino, J.R.	Field trips in air-photo & rem.-sens. classes

FIELD GEOLOGY - SUMMER COURSES

300-304	Hendrix, T.E.	NAGT-USGS Cooperative Summer Field Program

FILM REVIEWS

51-52	Christman, R.A.	About films
207-208	Christman, R.A.	About films

FOOD FOR THOUGHT

56	Simpson, G.G.	125	Goodwin, P.W.
61	Pettijohn, F.J.	197	Payne-G., C.
66	Simpson, G.G.	201	Nield, T.
88	Eldridge, N.M.	206	Eldridge, N.M.
96	Moores, E.M.	261	Payne-G., C.
109	Stanley, R.S.	311	Christodoulidis, D.C
113	Hospers, J.	348	Payne-G., C.

GEOCHEMISTRY

4-6	Dudley, W.C.	Gold from the sea
32-36	Manche, E.P.	Obsidian hydration dating
196-197	Corbett, R.G.	Battery-powered field filtration assembly

GEOCHRONOLOGY

32-36	Manche, E.P.	Obsidian hydration dating
320-334	Shea, J.H.	An exercise on the polar-reversal time scale

GEOLOGY

10-13	Zenger, D.H.	Lyell and episodicity
41-45	Picard, M.D.	Wind River and Riverton
60-61	Allen J.E.	Geological Society of the Oregon Country
61	Pettijohn, F.J.	Food for thought
97-103	Keller, W.D.	Fundamental entities in geology
114-120	Rogers, R.D.	Observation and explanation in geology courses
195	Burns, M.	Geologists' use of dynamic language
198	Picard, M.D.	The volcano
201	Nield, T.	Food for thought
283-285	Picard, M.D.	Praying and fasting over Great Salt Lake
343-344	Picard, M.D.	The sea at Portovenere
344	Picard, M.D.	Triassic tide (poem)

GEOLOGY - CURRICULA

28-31	Gutstadt, A.	Statutory and administrative law
110-113	Tunley, A.T.	Science achievement in high-school geology
124-125	Picard, M.D.	Retreating geologists
166-173	Yoder, H.S.Jr.	Trends in the education of earth scientists
173-179	Butler, J.J.Jr.	Earth science education in China
300-304	Hendrix, T.E.	NAGT-USGS Cooperative Summer Field Program

GEOLOGY - DEPARTMENTS

9	Anonymous	Position announcement
60	Verdon, A.J.Jr.	Scientists, educators meet
60-61	Allen J.E.	Geological Society of the Oregon Country
124-125	Picard, M.D.	Retreating geologists
166-173	Yoder, H.S.Jr.	Trends in the education of earth scientists
209-210	Brande, S.	RAMblings
283-285	Picard, M.D.	Praying and fasting over Great Salt Lake
293-294	Friedman, G.M.	The dilemma of the geoscientist

GEOLOGY - INTRODUCTORY COURSE

6-9	Orr, W.N.	Teaching geology in a penitentiary
18-20	Dutch, S.I.	An advanced sea-floor spreading model
186-187	Davis, L.E.	Sedimentary rock classification scheme
314-315	Schueller, D.A.	Easy way to fulfill a lab-science requirement
320-334	Shea, J.H.	An exercise on the polar-reversal time scale

GEOLOGY - LITERATURE AND LIBRARIES

195	Burns, M.	Geologists' use of dynamic language
199-201	Picard, M.D.	Drilling at South Red Wash

GEOLOGY - PUBLIC AFFAIRS

14-18	Tunley, A.T.	Photogrammetric exercise
60	Verdon, A.J.Jr.	Scientists, educators meet
60-61	Allen J.E.	Geological Society of the Oregon Country
173-179	Butler, J.J.Jr.	Earth science education in China
283-285	Picard, M.D.	Praying and fasting over Great Salt Lake
293-294	Friedman, G.M.	The dilemma of the geoscientist
294	Associated Press	Food for thought

GEOLOGY TEACHING

6-9	Orr, W.N.	Teaching geology in a penitentiary
9	Anonymous	Position announcement
10-13	Zenger, D.H.	Lyell and episodicity
14-18	Tunley, A.T.	Photogrammetric exercise
18-20	Dutch, S.I.	An advanced sea-floor spreading model
25-27	Tinker, J.R.Jr.	Technical writing in hydrogeology
28-31	Gutstadt, A.	Statutory and administrative law
32-36	Manche, E.P.	Obsidian hydration dating
57-58	Anderson, W.	Presentation of the Miner Award
58	Furnish, W.M.	Acceptance of the Neil Miner Award
59-60	Bonini, W.E.	Will our students be ready for 2001?
95-96	Christofferson, E.	Rapid procedure for determining plate motion
97-103	Keller, W.D.	Fundamental entities in geology
103-105	Dutch, S.I.	Modelling symmetry classes 233 and 432
106-107	Laudon, R.C.	Using spreadsheet software for gradebooks
114-120	Rogers, R.D.	Observation and explanation in geology courses
166-173	Yoder, H.S.Jr.	Trends in the education of earth scientists
173-179	Butler, J.J.Jr.	Earth science education in China
186-187	Davis, L.E.	Sedimentary rock classification scheme
195	Burns, M.	Geologists' use of dynamic language
265-267	Boyer, P.S.	Geological map patterns for the Macintosh
273-278	Schwert, W.D.	Geometric analyses of rotational faults
279-280	Jorstad, R.B.	Down to earth software
288	Burger, H.R.	Computer software for geological education
305-311	Ousey, J.R.Jr.	Modeling steady-state groundwater flow
312-314	Tormey, B.B.	Amer.-Canad. effort in geoscience education
320-334	Shea, J.H.	An exercise on the polar-reversal time scale

GEOLOGY TEACHING - NON U.S.

173-179	Butler, J.J.Jr.	Earth science education in China

GEOPHYSICS - APPLIED

262-264	Sverdrup, K.A.	Calculating refraction times: layered models

GEOPHYSICS - GENERAL

18-20	Dutch, S.I.	An advanced sea-floor spreading model
320-334	Shea, J.H.	An exercise on the polar-reversal time scale

GEOPHYSICS - GENERAL

72-89	Schlee, J.S.	Structure of North American continental margin
262-264	Sverdrup, K.A.	Calculating refraction times: layered models

GEOPHYSICS - SOLID EARTH

18-20	Dutch, S.I.	An advanced sea-floor spreading model

HISTORY OF GEOLOGY

4-6	Dudley, W.C.	Gold from the sea
10-13	Zenger, D.H.	Lyell and episodicity
21-25	Meyer, W.B.	Delayed recognition of glacial eustasy
41-45	Picard, M.D.	Wind River and Riverton
56	Geyer, A.R.	Buckland and Maclure illustrations sale
56	Simpson, G.G.	Food for thought
66	Simpson, G.G.	Food for thought
114-120	Rogers, R.D.	Observation and explanation in geology courses
137-138	Marvin, U.B.	Cover photo of fall of Ensisheim meteorite
140-165	Marvin, U.B.	Meteorites, Moon and the history of geology

HYDROGEOLOGY AND HYDROLOGY

25-27	Tinker, J.R.Jr.	Technical writing in hydrogeology
183-185	Smith, S.M.	Software for evaluating pumping tests
283-285	Picard, M.D.	Praying and fasting over Great Salt Lake
305-311	Ousey, J.R.Jr.	Modeling steady-state groundwater flow

INSTRUCTIONS TO CONTRIBUTORS

63-66	Shea, J.H.	Instructions to contributors

LETTERS

53-55	Giardino, J.R.	Discussion of Potter article
55-56	Potter, N.Jr.	Reply to discussion

MEMORIALS

METEOROLOGY

60	Verdon, A.J.Jr.	Scientists, educators meet
60-61	Allen J.E.	Geological Society of the Oregon Country
215	Anonymous	AGI/NSTA national earth science test

MINERALOGY AND CRYSTALLOGRAPHY

1-2	Field Museum	Cover photo of black opal booch
56	Simpson, G.G.	Food for thought
66	Simpson, G.G.	Food for thought
103-105	Dutch, S.I.	Modelling symmetry classes 233 and 432
140-165	Marvin, U.B.	Meteorites, Moon and the history of geology
268-273	Hayes, W.B.	Organizing an undergraduate gemology course
314-315	Schueller, D.A.	Easy way to fulfill a lab-science requirement

MISCELLANEOUS ANNOUNCEMENTS

60	Verdon, A.J.Jr.	Scientists, educators meet
60-61	Allen J.E.	Geological Society of the Oregon Country
215	Anonymous	AGI/NSTA national earth science test

MUSEUMS

1-2	Field Museum	Cover photo of black opal booch
37-40	Romey, W.D.	The museum and gallery corner
120-123	Romey, W.D.	The museum and gallery corner
202	Romey, W.D.	The museum and gallery corner
286-288	Romey, W.D.	The museum and gallery corner
345-348	Romey, W.D.	The museum and gallery corner

37-40	Alaska	120-123	Ontario
345-347	Alberta	40	Quebec
286	Georgia	121-122	Quebec
203	Kentucky	347	Quebec
287-288	Minnesota	287	South Australia
348	New Brunswick	286	Tasmania
287	New York	202,204	Tennessee
202-203	New Zealand	286	Yukon Territory
348	Nova Scotia	123	Yukon Territory
347	Pr. Edward Island		

NAGT

49	Burger, H.R.	Computer software for geological education
56	Mayer, V.J.	NAGT earth science activities book
70	Merrill Pub. Co.	Laboratory manual in physical geology
130	Burger, H.R.	Computer software for geological education
131	Mayer, V.J.	NAGT earth science activities book

131 Geyer, A.R. Buckland and Maclure illustrations sale
131 Anonymous Free student membership
208 Anonymous Free student membership
210 Burger. H.R. Computer software for geological education
216 Geyer, A.R. Buckland and Maclure illustrations sale
216 Mayer, V.J. NAGT earth science activities book
285 Geyer, A.R. Buckland and Maclure illustrations sale
285 Mayer, V.J. NAGT earth science activities book
292 NAGT Free student membership
293 Picard, M.D. Fiftieth anniversary celebration

NAGT - CONSTITUTION

NAGT - EDITOR'S MESSAGES

63-66 Shea, J.H. Instructions to contributors
222 Shea, J.H. JGE experiments with typesetting

NAGT - HORBERG FUND

NAGT - MEETINGS

2 Burger, H.R. A message from the President: 1-1-86
2 Anonymous Abstract notice, annual meeting
57-58 Anderson, W. Presentation of the Miner Award
58 Furnish, W.M. Acceptance of the Neil Miner Award
59-60 Bonini, W.E. Will our students be ready for 2001?
61 Roepke, H.H. 1986 East-Central Section meeting
70 Anonymous Notice of deadline for abstracts
218-219 Geol. Soc. Amer. 1986 annual meeting
293 Picard, M.D. Fiftieth anniversary celebration

NAGT - MINORITY AFFAIRS PROGRAM

NAGT - NEIL MINER AWARD

2 Burger, H.R. A message from the President: 1-1-86
2 Geyer, A. Call for nominations - Neil Miner Award
57-58 Anderson, W. Presentation of the Miner Award
58 Furnish, W.M. Acceptance of the Neil Miner Award

NAGT - OEST PROGRAM

NAGT - OFFICERS

2 Burger, H.R. A message from the President: 1-1-86
62 Anonymous 1986 section officers

NAGT - PRESIDENT'S MESSAGES

2 Burger, H.R. A message from the President: 1-1-86
59-60 Bonini, W.E. Will our students be ready for 2001?

NAGT - ROSALSKY FUND

NAGT - SECTIONS

61 Roepke, H.H. 1986 East-Central Section meeting
62 Anonymous 1986 section officers
312-314 Tormey, B.B. Amer.-Canad. effort in geoscience education

NAGT - SUMMER FIELD COURSE CLEARINGHOUSE SERVICE

NAGT - SUMMER FIELD COURSE SCHOLARSHIP PROGRAM

NAGT - USGS COOPERATIVE PROGRAM

300-304 Hendrix, T.E. NAGT-USGS Cooperative Summer Field Program

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

OCEANOGRAPHY

4-6	Dudley, W.C.	Gold from the sea

PALEONTOLOGY - GENERAL

56	Simpson, G.G.	Food for thought
66	Simpson, G.G.	Food for thought
90-94	McCartney, K.	The Cretaceous/Tertiary extinction event
279-280	Jorstad, R.B.	Down to earth software

PALEONTOLOGY - INVERTEBRATE

PALEONTOLOGY - PALEOBOTANY

PALEONTOLOGY - VERTEBRATE

PETROLOGY - GENERAL

PETROLOGY IGNEOUS AND METAMORPHIC

221-222	Crawford, W.A.	Cover photo of isoclinal folds cut by dike

PETROLOGY - SEDIMENTARY

186-187	Davis, L.E.	Sedimentary rock classification scheme

PHILOSOPHY OF SCIENCE

10-13	Zenger, D.H.	Lyell and episodicity
88	Eldridge, N.M.	Food for thought
096	Moores, E.M.	Food for thought
97-103	Keller, W.D.	Fundamental entities in geology
113	Hospers, J.	Food for thought
114-120	Rogers, R.D.	Observation and explanation in geology courses
187-190	Stokes, W.L.	Alleged Middle Cambrian human footprint
206	Eldridge, N.M.	Food for thought

PLATE TECTONICS

18-20	Dutch, S.I.	An advanced sea-floor spreading model
72-89	Schlee, J.S.	Structure of North American continental margin
95-96	Christofferson, E.	Rapid procedure for determining plate motion
114-120	Rogers, R.D.	Observation and explanation in geology courses
221-222	Crawford, W.A.	Cover photo of isoclinal folds cut by dike
311	Christodoulidis, D.C.	Food for thought
320-334	Shea, J.H.	An exercise on the polar-reversal time scale

PROBLEMS - GEOMATHEMATICAL

14-18	Tunley, A.T.	Photogrammetric exercise
32-36	Manche, E.P.	Obsidian hydration dating
95-96	Christofferson, E.	Rapid procedure for determining plate motion
183-185	Smith, S.M.	Software for evaluating pumping tests
191-195	McEachran, D.B.	Teaching strain theory with Macintosh computer
262-264	Sverdrup, K.A.	Calculating refraction times: layered models
320-334	Shea, J.H.	An exercise on the polar-reversal time scale

REPORTS - WRITTEN AND ORAL

25-27	Tinker, J.R.Jr.	Technical writing in hydrogeology

REVIEW ARTICLES

21-25	Meyer, W.B.	Delayed recognition of glacial eustasy
32-36	Manche, E.P.	Obsidian hydration dating

72-89	Schlee, J.S.	Structure of North American continental margin
90-94	McCartney, K.	The Cretaceous/Tertiary extinction event
140-165	Marvin, U.B.	Meteorites, Moon and the history of geology
237-245	Hudleston, P.J.	Extracting information from folds in rocks
246-261	Simpson, C.	Determination of movement sense in mylonites

STRATIGRAPHY, HISTORICAL GEOLOGY, PALEOECOLOGY

69-70	Peters, J.M.	Cover photo of uplifted Holocene surface
72-89	Schlee, J.S.	Structure of North American continental margin
90-94	McCartney, K.	The Cretaceous/Tertiary extinction event
125	Goodwin, P.W.	Food for thought
187-190	Stokes, W.L.	Alleged Middle Cambrian human footprint
311	Christodoulidis, D.C.	Food for thought
343-344	Picard, M.D.	The sea at Portovenere
344	Picard, M.D.	Triassic tide (poem)

STRUCTURAL GEOLOGY

21-25	Meyer, W.B.	Delayed recognition of glacial eustasy
69-70	Peters, J.M.	Cover photo of uplifted Holocene surface
72-89	Schlee, J.S.	Structure of North American continental margin
109	Stanley, R.S.	Food for thought
140-165	Marvin, U.B.	Meteorites, Moon and the history of geology
191-195	McEachran, D.B.	Teaching strain theory with Macintosh computer
221-222	Crawford, W.A.	Cover photo of isoclinal folds cut by dike
224-230	Means, W.D.	Three microstructural exercises
231-236	De Paor, D.G.	A graphical approach to structural geology
237-245	Hudleston, P.J.	Extracting information from folds in rocks
246-261	Simpson, C.	Determination of movement sense in mylonites
273-278	Schwert, W.D.	Geometric analyses of rotational faults
285	Geyer, A.R.	Buckland and Maclure illustrations sale
297-298	Schmidt, M.F.Jr.	Photo of folded rocks, Koootenay N.P.,B.C.
311	Christodoulidis, D.C.	Food for thought

SUBSURFACE GEOLOGY

SURFICIAL GEOLOGY - GEOMORPHOLOGY

53-55	Giardino, J.R.	Discussion of Potter article
55-56	Potter, N.Jr.	Reply to discussion
69-70	Peters, J.M.	Cover photo of uplifted Holocene surface
140-165	Marvin, U.B.	Meteorites, Moon and the history of geology
297-298	Schmidt, M.F.Jr.	Photo of folded rocks, Koootenay N.P.,B.C.
339-343	Giardino, J.R.	Field trips in air-photo & rem.-sens. classes
343-344	Picard, M.D.	The sea at Portovenere

SURFICIAL GEOLOGY - QUATERNARY GEOLOGY

21-25	Meyer, W.B.	Delayed recognition of glacial eustasy
53-55	Giardino, J.R.	Discussion of Potter article
55-56	Potter, N.Jr.	Reply to discussion

SURFICIAL GEOLOGY - SOILS

107-109	Williams, J.W.	Effective demonstration of soil reinforcing

VOLCANOES AND VOLCANISM

140-165	Marvin, U.B.	Meteorites, Moon and the history of geology
198	Picard, M.D.	The volcano
339-343	Giardino, J.R.	Field trips in air-photo & rem.-sens. classes

WOMEN IN GEOLOGY

Author Index

(Includes authors of books reviewed)

61 Allen, J.E.
126 Allen, J.E.
291 Allen, J.R.L.
351 Amini, H.
125 Anderson, E.J.
57 Anderson, W.I.
2 Anonymous
9 Anonymous
69 Anonymous
215 Anonymous
294 Assoc. Press
351 Bailey, S.W.
128 Bally, A.W.
349 Banfield, J.
289 Bignot, G.
351 Bird, E.C.F.
46 Blyth, F.G.H.
59 Bonini, W.E.
292 Bonini, W.E.
265 Boyer, P.S.
209 Brande, S.
45 Brice, W.R.
126 Brice, W.R.
211 Brice, W.R.
212 Brice, W.R.
213 Brice, W.R.
289 Brice, W.R.
349 Brice, W.R.
350 Brice, W.R.
350 Brown, G.
2 Burger, H.R.
49 Burger, H.R.
52 Burger, H.R.
130 Burger, H.R.
210 Burger, H.R.
281 Burger, H.R.
288 Burger, H.R.
335 Burger, H.R.
195 Burns, M.
173 Butler, J.J.Jr.
127 Canis, W.C.
180 Carpenter, J.R.
282 Census, Bur. of
47 Chapman, L.J.
48 Christman, R.A.
51 Christman, R.A.
205 Christman, R.A.
207 Christman, R.A.
311 Christodoulidis, D
95 Christofferson, E.
216 Christofferson, E.
196 Corbett, R.G.
202 Corgan, J.X.
203 Corgan, J.X.
220 Crawford, M.L.
220 Crawford, W.A.
129 Creighton, H.C.
47 Crevello, P.D.
126 Cvancara, A.M.
349 Davis, J.C.
186 Davis, L.E.
349 de Capraris, P.
231 De Paor, D.G.
211 Dineley, D.L.
46 Dobson, E.A.
349 Dorr, A.
4 Dudley, W.C.
274 Dunn, P.J.
18 Dutch, S.I.
103 Dutch, S.I.
48 Eisenhard, R.M.
47 Ekdale, A.A.
89 E Idridge, N.
206 Eldridge, N.
186 Eves, R.L.
1 Field Museum
211 Fisher, D.W.
339 Fish, E.B.
107 Fox, D.J.
46 Frankel, H.
46 Freitas, M.H.de
293 Friedman, G.M.
128 Fritz, W.J.
58 Furnish, W.
261 Gaposchkin, C.P.
2 Geyer, A.R.
56 Geyer, A.R.
131 Geyer, A.R.
216 Geyer, A.R.
285 Geyer, A.R.
53 Giardino, J.R.
339 Giardino, J.R.
46 Gillmor, C.S.
125 Goodwin, P.W.
28 Gutstadt, A.
289 Hamblin, W.K.
300 Hanshaw, P.M.
197 Haramundanis, K.
47 Harris, P.M.
129 Hausenbuiler, R.I.
291 Healy-Williams, N.
300 Hendrix, T.E.
289 Hickcox, C.W.
129 Holliday, V.T.
113 Hospers, J.
237 Huddleston, P.J.
213 Hyndman, D.W.
350 Jordan, M.A.
132 Jorstad, R.B.
279 Jorstad, R.B.
274 Kelenkiewicz, R.
97 Keller, W.D.
180 Kern, E.L.
48 Klein, G.d.
72 Klitgord, K.K.
274 Klosko, S.M.
291 Kory, W.B.
212 Kreiger, W.
214 Kreiger, W.
32 Lakatos, S.
290 Langenheim, R.Jr.
106 Laudon, R.C.
127 Lauer, M.
49 Lavine,
47 Lord, R.C.
47 Lutz, C.T.
32 Manche, E.P.
191 Marshak, S.
137 Marvin, U.B.
140 Marvin, U.B.
45 Mash, R.
56 Mayer, V.J.
131 Mayer, V.J.
216 Mayer, V.J.
285 Mayer, V.J.
90 McCartney, K.
191 McEachran, D.B.
128 McKenzie, G.
224 Means, W.D.
214 Merk, G.P.
21 Meyer, W.B.
214 Middleton, g.V.
350 Mitchell, R.S.
126 Mitzutani, S.
211 Molitor, L.
96 Moores, E.M.
127 Neal, W.J.
201 Nield, T.
291 Nielson, R.L.
90 Nienstedt, J.
316 Norris, R.M.
6 Orr, W.N.
289 Orr, W.N.
305 Ousey, J.R.Jr.
129 Palmer, A.C.
197 Payne-G., C.
273 Peck, W.D.
69 Peters, J.M.
61 Pettijohn, F.J.
41 Picard, M.D.
124 Picard, M.D.
198 Picard, M.D.
199 Picard, M.D.
283 Picard, M.D.
293 Picard, M.D.
343 Picard, M.D.
344 Picard, M.D.
133 Piele, D.T.
127 Pilkey, O.H.Jr.
127 Pilkey, O.H.Sr.
55 Potter, N.Jr.
61 Potter, P.E.
47 Putnam, D.F.
196 Quick, T.J.
47 Ragan, D.M.
109 Ratcliffe, N.M.
129 Rezanov, I.A.
48 Roark, C.K.L.
61 Roepke, H.H.
114 Rogers, R.D.
37 Romey, W.D.
120 Romey, W.D.
202 Romey, W.D.
286 Romey, W.D.
345 Romey, W.D.
202 Romey, W.L.
203 Romey, W.L.
45 Schiebout, J.A.
72 Schlee, J.S.
297 Schmidt, M.F.Jr.
314 Schueller, D.A.
351 Schwartz, M.L.
273 Schwert, D.P.
63 Shea, J.H.
221 Shea, J.H.
320 Shea, J.H.
352 Shea, J.H.
61 Siever, R.
246 Simpson, C.
56 Simpson, G.G.
66 Simpson, G.G.
349 Slatcoff, A.
274 Smith, D.E.
183 Smith, S.M.
214 Southard, J.B.
109 Stanley, R.S.
187 Stokes, W.L.
262 Sverdrup, K.A.
350 Thorpe, R.
25 Tinker, J.R.Jr.
312 Tormey, B.B.
274 Torrance, M.H.
14 Tunley, A.T.
110 Tunley, A.T.
126 Uemura, T.
211 Van Andel, T.H.
60 Verdon, A.J.Jr.
215 Verdon, A.J.Jr.
53 Vitek, H.D.
127 Voynick, S.M.
127 Waring, C.J.
128 Weiner, J.
290 Weller, H.
290 Weller, M.
212 Whipple, F.L.
291 Willett, B.M.
107 Williams, J.W.
212 Windley, B.F.
291 Woodrow, D.L.
126 Woodword, N.B.
49 Wynn, M.
166 Yoder, H.S.Jr.
10 Zenger, D.H.